

**In the Title:**

Please accept the following clean copy of the new title:

**BIOADHESIVE TABLET CONTAINING TESTOSTERONE/TESTOSTERONE  
ESTER MIXTURES AND METHOD FOR PRODUCING A PREDETERMINED  
TESTOSTERONE TIME-RELEASE PROFILE WITH SAME**

**In the Specification:**

Page 1, between title and first paragraph, please insert the following headings:

A1

**BACKGROUND OF THE INVENTION****1. Field of the Invention.**

Page 1, between first paragraph and second paragraph, please insert the

following: **2. Description of the Related Art.**

A2

Page 3, between the sixth and seventh full paragraph, please insert the heading:

A3

**SUMMARY OF THE INVENTION**

Page 6, between the third and fourth paragraph (beginning "The following practical examples.."), please insert the following:

**BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING**

The objects, features and advantages of the invention will now be illustrated in more detail with the aid of the following description of the preferred embodiments, with reference to the accompanying figures in which:

A4

Figure 1 is a graphical illustration showing a testosterone concentration profile produced by administration of testosterone alone;

Figure 2 is a graphical illustration showing a testosterone concentration profile produced by buccal administration of a bioadhesive tablet containing

testosterone undecyloate alone; and

A<sup>4</sup> Figure 3 is a graphical illustration showing a testosterone concentration profile produced by buccal administration of a bioadhesive tablet according to the invention containing a mixture of testosterone and testosterone undecyloate in a 1:1 ratio.

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**In the Abstract:**

Page 15, please replace the current abstract with the following amended abstract:

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**ABSTRACT OF THE DISCLOSURE**

AS The method of making a bioadhesive tablet for controlling testosterone blood level, especially in elderly men suffering from partial androgen deficiency, includes spray-drying an alcoholic solution or suspension of testosterone and at least one testosterone ester, preferably in a ratio of 1:10 to 1:1.5, separately or together, with an organic polymer and optionally one or more auxiliary ingredient to form an active ingredient premix. Then various other auxiliary ingredients are mixed, as needed, with the active ingredient premix to form the bioadhesive tablet with an active ingredient layer and an adhesive layer. The active ingredient layer contains an effective amount of the active ingredient premix. The adhesive layer includes auxiliary ingredients including the bioadhesive polymer. The bioadhesive tablet may be buccally administered to provide a predetermined timed release profile of testosterone, advantageously varying according to a circadian rhythm.

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